



10-19-06

JAP13 Rec'd PCT/PTO 17 OCT 2006

PTO/SB/21 (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/561,144-Conf. #9423
		Filing Date	December 16, 2005
		First Named Inventor	Iichirou Shimomura
		Art Unit	N/A
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	11	Attorney Docket Number	64656 (46590)

ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Part 2 Copy of Notice (2 pages); Declaration and Power of Attorney (4 pages); Certificate of Express Mailing (1 page); Return Receipt Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input checked="" type="checkbox"/> Response to Notification of Missing Requirements under 35 USC 371, including duplicate copy	<input type="checkbox"/> Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	EDWARDS ANGELL PALMER & DODGE LLP		
Signature			
Printed name	Jun Umemuro		
Date	October 17, 2006	Reg. No.	L0247



Docket No.: 64656 (46590)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Iichirou Shimomura et al.

Application No.: 10/561,144

Confirmation No.: 9423

Filed: December 16, 2005

Art Unit: N/A

For: NOVEL PROTEIN

Examiner: Not Yet Assigned

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. 371

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

10/26/2006 ATRAN1 00000130 041105 10561144
01 FC:1615 1350.00 DA
02 FC:1616 360.00 DA

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date Granted mailed September 1, 2006, Applicant respectfully submits a Declaration and Power of Attorney and Part 2 Copy of Notice.

Please charge our Deposit Account No. 04-1105 in the amount of \$1,710.00 covering the fees set forth in 37 CFR 1.16(i) and 1.16(j). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 64656 (46590). A duplicate copy of this paper is enclosed.

Dated: October 17, 2006

Respectfully submitted,

By 不�室淳
Jun Umemuro - L0247
Limited Recognition Under 37 C.F.R. § 11.9(b)
Attorneys/Agents For Applicant
(617) 439-4444

EDWARDS ANGELL PALMER &
DODGE LLP
P.O. Box 55874
Boston, Massachusetts 02205



Application No. (if known): 10/561,144

Attorney Docket No.: 64656 (46590)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV756030807US in an envelope addressed to:

MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on October 17, 2006
Date



Sahand Bayar

Lakeisha Bryant
Typed or printed name of person signing Certificate

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Form (1 page);

Fee Transmittal (1 page);

Response to Notification of Missing Requirements under 35 U.S.C. 371 (1 page), including duplicate copy;

Declaration and Power of Attorney (4 pages):

Part 2 Copy of Notice (2 pages):

Charge \$1,710.00 to deposit account 04-1105;

Return Receipt Postcard.



Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** **1,710.00**

Complete if Known

Application Number	10/561,144-Conf. #9423
Filing Date	December 16, 2005
First Named Inventor	Ichirou Shimomura
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	64656 (46590)

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: **04-1105** Deposit Account Name: **Edwards Angell Palmer & Dodge LLP**

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES	
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues) **50** **25**
 Each independent claim over 3 (including Reissues) **200** **100**
 Multiple dependent claims **360** **180**

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Small Entity
Fee (\$)	Fee (\$)				
47	- 20 =	27	x 50.00 =	1,350.00	
HP = highest number of total claims paid for, if greater than 20.					
				360.00	360.00
Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)		
	- 3 =	x	=		
HP = highest number of independent claims paid for, if greater than 3.				360.00	360.00

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

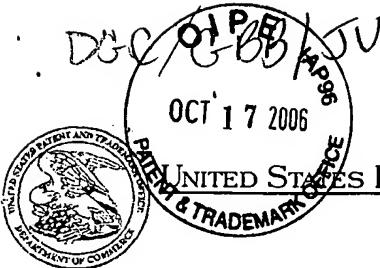
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
	- 100 =	/50	(round up to a whole number) x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

SUBMITTED BY				
Signature		Registration No. (Attorney/Agent)	L0247	Telephone (617) 439-4444
Name (Print/Type)	Jun Umemuro		Date	October 11, 2006



64656 (46590)

Page 1 of 2

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/561,144	Lichirou Shimomura	64656 (46590)
INTERNATIONAL APPLICATION NO.		
PCT/JP04/08699		
I.A. FILING DATE	PRIORITY DATE	
06/15/2004	06/16/2003	

21874
EDWARDS & ANGELL, LLP
P.O. BOX 55874
BOSTON, MA 02205

RECEIVED
SEP 18 2006
EDWARDS ANGELL PATENT & TRADEMARKS LLP
IPDOCS/EDG/DOCS/PT (ECS)

CONFIRMATION NO. 9423
371 FORMALITIES LETTER
OC000000020268146

Date Mailed: 09/01/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 12/16/2005
- Copy of the International Search Report filed on 12/16/2005
- Copy of IPE Report filed on 12/16/2005
- Copy of Annexes to the IPE filed on 12/16/2005
- Preliminary Amendments filed on 12/16/2005
- Information Disclosure Statements filed on 12/16/2005
- Biochemical Sequence Diskette filed on 12/16/2005
- Biochemical Sequence Listing filed on 12/16/2005
- Request for Immediate Examination filed on 12/16/2005
- U.S. Basic National Fees filed on 12/16/2005
- Priority Documents filed on 12/16/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$1710 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

SUMMARY OF FEES DUE:

**SEE
OTHER SIDE**

Total additional fees required for this application is **\$1710** for a Large Entity:

Additionally the following defects have been observed:

- Annexes have not been entered because No English Translation submitted.
- Total additional claim fee(s) for this application is **\$ 1710**
 - **\$1350** for **27** total claims over 20.
 - **\$360** for multiple dependent claim surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/561,144	PCT/JP04/08699	64656 (46590)

FORM PCT/DO/EO/905 (371 Formalities Notice)